# Badges Site Documentation

## Database

### Tables

|  |  |  |
| --- | --- | --- |
| **users** | | |
| **Field** | **Type** | **Notes** |
| id | Int autonumber key |  |
| username | Varchar(25) unique |  |
| password | Varchar(25) | This will be hashed once it has been set |
| email | Varchar(60) unique |  |
| role | Reference role id |  |
| validated | Boolean | New registrations need to be approved. |

This table is for users that need to login. For now that’s only going to be the editors, but the role will allow us to have other possibilities.

|  |  |  |
| --- | --- | --- |
| **roles** |  |  |
| **Field** | **Type** | **Notes** |
| id | int autonumber key |  |
| role | Varchar(20) |  |

This table just holds roles. I did it this way so that it would be easy to add roles in the future. I could have done this as a enum type, but then you need to alter the database to change the roles, and you can’t populate a drop-down list with the results of a query.